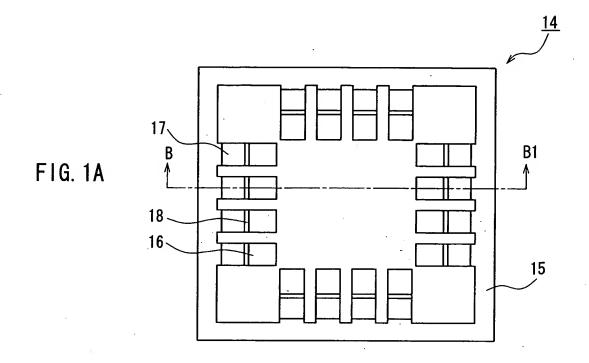
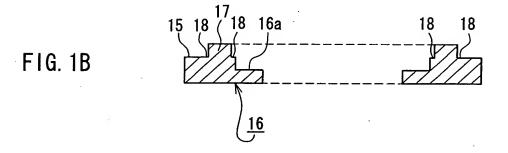
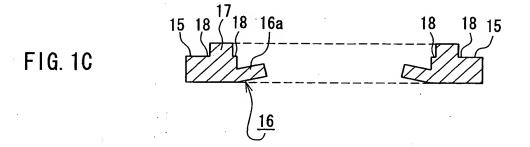
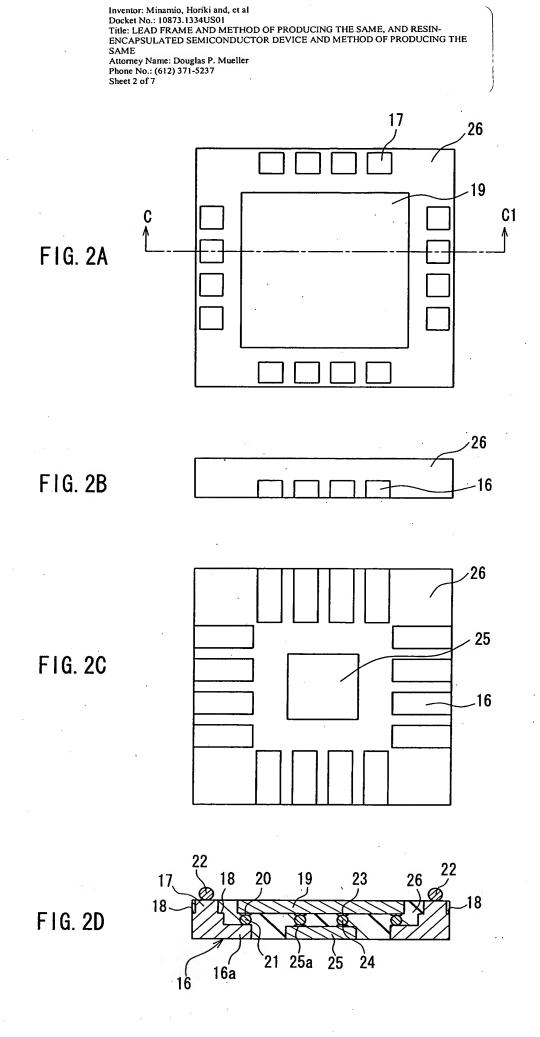
Inventor: Minamio, Horiki and, et al
Docket No.: 10873.1334US01
Title: LEAD FRAME AND METHOD OF PRODUCING THE SAME, AND RESINENCAPSULATED SEMICONDUCTOR DEVICE AND METHOD OF PRODUCING THE
SAME
Attorney Name: Douglas P. Mueller
Phone No.: (612) 371-5237
Sheet I of 7

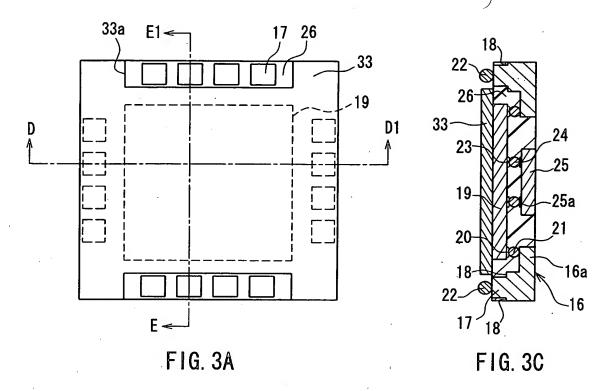








Inventor: Minamio, Horiki and, et al
Docket No.: 10873.1334US01
Title: LEAD FRAME AND METHOD OF PRODUCING THE SAME, AND RESINENCAPSULATED SEMICONDUCTOR DEVICE AND METHOD OF PRODUCING THE
SAME
Attorney Name: Douglas P. Mueller
Phone No.: (612) 371-5237
Sheet 3 of 7



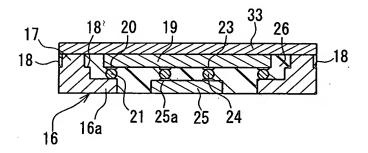
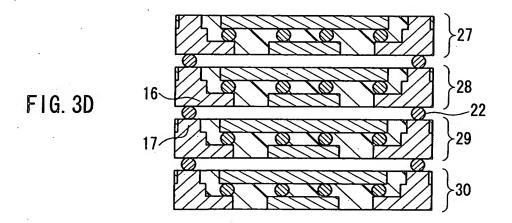


FIG. 3B



Inventor: Minamio, Horiki and, et al Docket No.: 10873.1334US01
Title: LEAD FRAME AND METHOD OF PRODUCING THE SAME, AND RESIN-ENCAPSULATED SEMICONDUCTOR DEVICE AND METHOD OF PRODUCING THE SAME Attorney Name: Douglas P. Mueller Phone No.: (612) 371-5237
Sheet 4 of 7

FIG. 4A

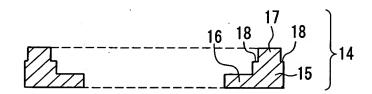


FIG. 4B

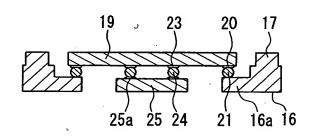


FIG. 4C

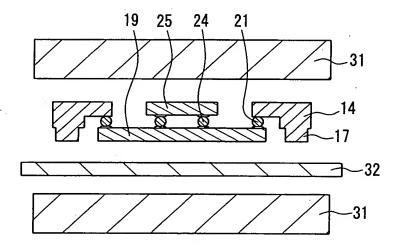
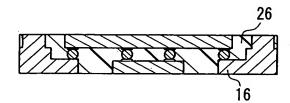


FIG. 4D



Inventor: Minamio, Horiki and, et al Docket No.: 10873.1334US01
Title: LEAD FRAME AND METHOD OF PRODUCING THE SAME, AND RESIN-ENCAPSULATED SEMICONDUCTOR DEVICE AND METHOD OF PRODUCING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: (612) 371-5237
Sheet 5. of 7

16a FIG. 5A 20 19 FIG. 5B FIG. 5C 19 25 24 21 16 FIG. 5D 26 FIG. 5E

Inventor: Minamio, Horiki and, et al Docket No.: 10873.1334US01
Title: LEAD FRAME AND METHOD OF PRODUCING THE SAME, AND RESIN-ENCAPSULATED SEMICONDUCTOR DEVICE AND METHOD OF PRODUCING THE

Attorney Name: Douglas P. Mueller Phone No.: (612) 371-5237 Sheet 6 of 7

FIG. 6 PRIOR ART

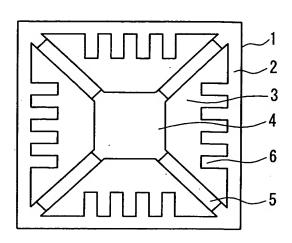


FIG. 7A PRIOR ART

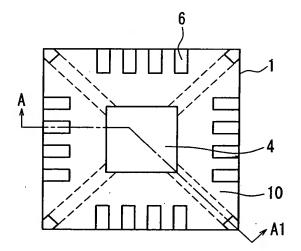
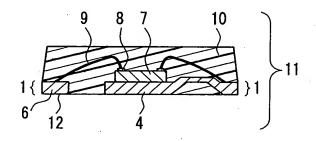


FIG. 7B PRIOR ART



Inventor: Minamio, Horiki and, et al
Docket No.: 10873.1334US01
Title: LEAD FRAME AND METHOD OF PRODUCING THE SAME, AND RESINENCAPSULATED SEMICONDUCTOR DEVICE AND METHOD OF PRODUCING THE
SAME
Attorney Name: Douglas P. Mueller
Phone No.: (612) 371-5237
Sheet 7 of 7

FIG. 8A PRIOR ART

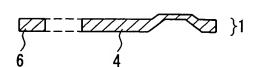


FIG. 8B PRIOR ART

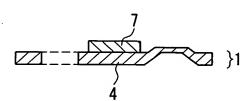


FIG. 8C PRIOR ART

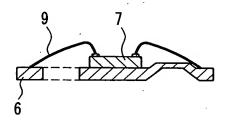


FIG. 8D PRIOR ART

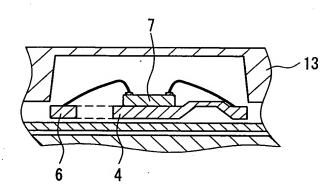


FIG. 8E PRIOR ART

